

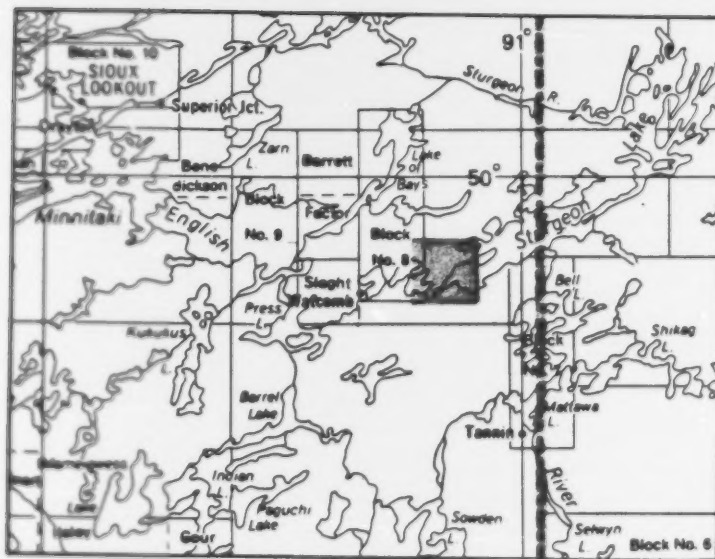


Sean Conway, Minister of Mines

GDIF 439

**DISTRICT OF KENORA
(PATRICIA PORTION)**

Compiled by the Staff of
the Resident Geologist's Office
Sioux Lookout



LOCATION MAP

Scale: 1:1 013 760 or 1 inch to 16 miles

NTS Number 52G/14SE

Mining Claim Map Number G-2565

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Ministry of Northern Development and Mines does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey

1988: Valora Lake Area, District of Kenora, Patricia Portion;
Ontario Geological Survey, Geological Data Inventory Folio 439;
compiled by the staff of the Resident Geologist's Office,
Sioux Lookout, 45 pages and 5 maps.

Original Compilation by: Catharine Joan Proctor and Mary O.P. Roy

Date	Page(s) Revised	Revised by

Date	Page(s) Revised	Revised by

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ABBREVIATIONS LIST

A.F.R.O.	Assessment Files Research Office (Toronto)
Ann. Rept. (A.R.)	Annual Report
A.R.I.P.	Aggregate Resources Inventory Paper
Bull.	Bulletin
C.I.M.M.	Canadian Institute of Mining and Metallurgy
C.J.E.S.	Canadian Journal of Earth Sciences
C.M.J.	Canadian Mining Journal
Econ. Geol.	Economic Geology
E.M.R.	Department of Energy, Mines and Resources
E.P.B.	Earth Physics Branch
G.A.C.	Geological Association of Canada
GC	Geological Circular
GDIF	Geological Data Inventory Folio
Geol.	Geology
Geol. Soc. Amer. Bull.	Geological Society of America Bulletin
GR	Geoscience (Geological) Report
GSC	Geological Survey of Canada
I.L.S.G.	Institute on Lake Superior Geology
IMR	Industrial Mineral Report
I.O.C.	Report of the Iron Ore Committee (1923)
Jour. (or J)	Journal
MDC	Mineral Deposit Circular
M.D.I. (R)	Mineral Deposit Inventory (Record)
Mem.	Memoir
MNDM	Ministry of Northern Development and Mines
MNR	Ministry of Natural Resources
M.P.	Miscellaneous Paper
MRC	Mineral Resources Circular
N.M.I.	National Mineral Inventory
NOEGTS	Northern Ontario Engineering Geology Terrain Study
NTS	National Topographic System
O.B.M.	Ontario Bureau of Mines
O.D.L.F.	Ontario Department of Lands and Forests
ODM	Ontario Department of Mines
ODMNA	Ontario Department of Mines and Northern Affairs
OFR	Open File Report
O.G.S.	Ontario Geological Survey
P.R.	Preliminary Report
Prelim. (or P)	Preliminary
R.C.	Royal Commission on Mineral Resources of Ontario (1890)
S.M.D.R.	Source Mineral Deposit Record
Sum. Rept.	Summary Report

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	Multiplied by	Gives	Imperial Unit	Multiplied by	Gives
LENGTH					
1 mm	0.039 37	inches	1 inch	25.4	mm
1 cm	0.393 70	inches	1 inch	2.54	cm
1 m	3 280.84	feet	1 foot	0.304 8	m
1 m	0.049 709 7	chains	1 chain	20 116.8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	1.609 344	km
AREA					
1 cm ²	0.155 0	square inches	1 square inch	6.451 6	cm ²
1 m ²	10 763.9	square feet	1 square foot	0.092 903 04	m ²
1 km ²	0.386 10	square miles	1 square mile	2 589 984	km ²
1 ha	2 471.054	acres	1 acre	0.404 685 6	ha
VOLUME					
1 cm ³	0.061 02	cubic inches	1 cubic inch	16.387 064	cm ³
1 m ³	35 314.7	cubic feet	1 cubic foot	0.028 316 85	m ³
1 m ³	1 308.0	cubic yards	1 cubic yard	0.764 555	m ³
CAPACITY					
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	4.546 090	L
MASS					
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28 349.523	g
1 g	0.032 150 75	ounces (trav)	1 ounce (trav)	31.103 476 8	g
1 kg	2 204.62	pounds (avdp)	1 pound (avdp)	0.453 592 37	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	907.184 74	kg
1 t	1 102.311	tons (short)	1 ton (short)	0.907 184 74	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	1016.046 908 8	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	1.016 046 908 8	t
CONCENTRATION					
1 g/t	0.029 166 6	ounce (trav) ton (short)	1 ounce (trav) ton (short)	34 285.714 2	g/t
1 g/t	0.583 333 33	pennyweights ton (short)	1 pennyweight ton (short)	1 714.285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (trav) ton (short)	20.0	pennyweights ton (short)
1 pennyweight ton (short)	0.05	ounce (trav) ton (short)

One gram (g) per tonne is equivalent to one part per million (1 ppm)

NOTE—Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

For further information please contact:

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'. If reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

SOURCES OF DATA		Data	Initial
1	Resident Geologist's Office Files	YES	CJP
2	Assessment Files Research Office Toronto	YES	CJP
3	ODM General Index - 9 Volumes	YES	CJP
4	Catalogue of Airborne Geophysical Surveys (ODM)	YES	CJP
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	YES	CJP
6	ODM Industrial Mineral Reports	NO	CJP
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	NO	CJP
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	NO	CJP
9	Newspaper Clippings File	YES	CJP
10	GSC Index to Publications	YES	CJP
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	YES	CJP
12	OGS Index Maps	YES	CJP
13	Source Mineral Deposit Records (OGS)	YES	CJP
14	Author - Subject Articles File	NO	CJP
15	Miscellaneous Papers - ODM & OGS	YES	CJP
16	ODM Geological Circulars - OGS Study Series	NO	CJP
17	ODM Preliminary Reports - ODM Bulletins	NO	CJP
18	ODM - OGS Open File Reports	YES	CJP
19	OGS Northern Ontario Engineering Geology Terrain Studies	YES	CJP
20	OGS Aggregate Resources Inventory Papers	NO	CJP
21	OGS Mineral Potential Maps	YES	CJP
22	Drill Core Library Catalogue	NO	CJP
23	Aerial Photographs	YES	CJP
24	Unpublished Theses	YES	CJP

METALS AND MINERALS REFERENCES LIST

△ anh	Anhydrite	△ fu	Fuchsite	△ Ni	Nickel	△ st	Stone
△ ank	Ankerite	△ gn	Galena	△ Nb	Niobium	△ s	Sulphides
△ anna	Annabergite	△ gt	Garnet	△ Pd	Palladium	△ talc	Talc
△ ap	Apatite	△ goe	Goethite	△ peat	Peat	△ Te	Tellurium
△ arg	Argentite	▲ Au	Gold	△ pent	Pentlandite	△ td	Tetrahedrite
△ As	Arsenic	△ gf	Graphite	△ Pt	Platinum	△ th	Thorite
△ asp	Arsenopyrite	△ gl	Gravel	△ py	Pyrite	△ Th	Thorium
△ asb	Asbestos	△ gyp	Gypsum	△ pyl	Pyrochlore	△ thuc	Thucholite
△ ba	Barite	△ hem	Hematite	△ pyrl	Pyrolusite	△ ti	Titanite
△ be	Beryl	△ il	Ilmenite	△ po	Pyrrhotite	△ Ti	Titanium
△ Bi	Bismuth	△ Fe	Iron	△ q	Quartz	△ tour	Tourmaline
△ bn	Bornite	△ IF	Iron Formation	△ qcv	Quartz carbonate vein	△ trap	Trap rock
△ bran	Brannerite	△ jas	Jasper	△ ra	Radioactive minerals	△ W	Tungsten
△ bruc	Brucite	△ kaol	Kaolinite (kaolin)	△ RE	Rare Earths	△ uran	Uraninite
△ Cd	Cadmium	△ ky	Kyanite	△ sd	Sand	△ U	Uranium
△ calc	Calcite	▲ Pb	Lead	△ sgl	Sand and gravel	△ verm	Vermiculite
△ carb	Carbonate	△ lim	Limonite	△ ss	Sandstone	△ Y	Yttrium
△ cel	Celestite	△ Li	Lithium	△ scap	Scapolite	▲ Zn	Zinc
△ cc	Chalcocite	△ mgst	Magnesite	△ shee	Scheelite	△ zr	Zircon
△ cp	Chalcopyrite	△ mag	Magnetite	△ serp	Serpentine		
△ ch	Chert	△ mc	Malachite	△ sh	Shale		
△ clay	Clay	△ Mn	Manganese	△ sid	Siderite		
△ Co	Cobalt	△ mb	Marble	△ si	Silica		
△ cob	Cobaltite	△ mar	Marcasite	▲ Ag	Silver		
△ cb	Columbite	△ ma	Marl	△ sl	Slate		
▲ Cu	Copper	△ mi	Mica	△ sm	Smaltite		
△ cor	Corundum	△ ml	Millerite	△ sod	Sodalite		
△ dol	Dolomite	△ mo	Molybdenite	△ spec	Specularite		
△ ep	Epidote	▲ Mo	Molybdenum	△ sp	Sphalerite		
△ ery	Erythrite	△ mon	Monazite	△ spd	Spodumene		
△ fel	Feldspar	△ ne	Nephelite (nepheline)	△ staur	Staurolite		
△ fl	Fluorite (fluorspar)	△ nc	Niccolite	△ stib	Stibnite		

▲ Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES			Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
Map Ref Letter	(see Exploration Data Map) Name(s)	Mineralization			
A	MATTAGAMI GROUP F (F GROUP) (F - 1 PIT)	ZN, CU, AG, PB, AU	K0010	--	-PAST PRODUCER -PB, AU - MINOR OCCURRENCES -NMI FILE 52G/14Zn1 -SMDR FILE #00810 -OGS 1974, GR 114, p. 3, 48, 60 -OGS 1980 MP91, p. 26 -OGS 1984 MPL17, p. 36
B	SHANTY LAKE	MO, CU	K0008	MRC 7, p. 42	-CU - MINOR OCCURRENCE -NMI FILE 52G/14Mo1 -AFRO 1966 #63.2048 -OGS 1983, Report 224, p. 97 and Map 2458
C	KEEVIL	CU, AU, AG, ZN	K0447	--	-AU, AG, ZN - MINOR OCCURRENCES -AFRO 1965 #63.1746 1970 # 2.166 1970 #63.2748 1972 # 2.1022 1973 Valora Lake Area DHR 34 -OGS 1969 - Map P. 525 1970 - GR 88, p. 23 1983 - Report 224, p. 94 Map 2458
D	BEIDELMAN BAY	CU, MO, AU, AG ZN	K0007	MRC 7, p. 42-43	-AU, AG, ZN - MINOR OCCURRENCES -OGS 1974, GR114, p. 54-59 -NMI FILE 52G/14Mo2
E	DARKWATER PROSPECT	AU	01820	--	-OGS 1974, GR114, p. 49-53 (CONTINUED NEXT PAGE)

MINERAL OCCURRENCES			Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
Map Ref Letter	(see Exploration Data Map) Name(s)	Mineralization			
E					-OGS 1973 AR VOL.46, pt.6, p.26-35 -AFRO 1970 #2.190 1974 #2.1680 1973, VALORA LAKE AREA DHR 20
F	UNNAMED	MO, CU	--	--	-Map 2442, Map P.1570
G	UNNAMED	CU	--	--	-Map 2442

TYPE OF WORK			Numbers below represent the year in which the work was done; e.g., 68 for 1968																	
Ref file on map	(see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		GEOLOGICAL	GEOCHEMICAL	TRENCHING STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS NOTES CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY		
	Sioux Lookout	COMPANY/AUTHOR (file number)																		
1		NORANDA EXPL C L (52G/14SW-0011-A1)								70			70	70						
2		NEW CALUMET MS L (52G/14SW-0018)								70	70		70							
3		SCURRY-RAINBOW OIL L (52G/14SW-0019)											70	70						
4		SCURRY-RAINBOW OIL L (52G/14SW-0020)											70	70						
5		STEEP ROCK IRON MS L (52G/14SW-0022)	66				66						66							
6		SCURRY-RAINBOW OIL L (52G/14SW-0023)												72						
7		SCURRY-RAINBOW OIL L (52G/14SW-0024-A1)							70				70	70						
8		NEW TERRITORIAL U M SILVER LINING MS L (52G/15SW-0035)											70	70						
9		SEAGULL RESOURCES L (52G/14SE-0010)				81	81													

TYPE OF WORK			Numbers below represent the year in which the work was done, e.g., 68 for 1968																				
(see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE Sioux Lookout			Ref file on map	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS NOTES CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY			
10	ALMOS MINES L CALMOR IRON BAY MS L CONWEST EXPL C L (52G/14SE-0011-A1)		71	71																			
11	NORANDA EXPL C L (52G/14SE-0011-B1)		76	76																			
12	STEEP ROCK IRON MS (52G/14SE-0011-C1)		67	67																			
13	STEEP ROCK IRON MS (52G/14SE-0012-A1)		66	66		66																	
14	STEEP ROCK IRON MS L AMAX EXPL INC (52G/14SE-0012-B1)		73	73																			
15	AMAX EXPL INC (52G/14SE-0013)		71/ 73	71/ 73																			
16	SCURRY-RAINBOW OIL L (52G/14SE-0014)		71/ 73	71/ 73																			
17	SCURRY-RAINBOW OIL L (52G/14SE-0015)		71/ 73	71/ 73																			

TYPE OF WORK			Numbers below represent the year in which the work was done; e.g., 68 for 1968																		
Ref No. Map	(see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE Sioux Lookout		GEOLOGICAL	GEOCHEMICAL	TRENCHING STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS NOTES CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIO-METRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIO-METRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY			
	COMPANY-AUTHOR (file number)																				
18	SCURRY-RAINBOW OIL L (52G/14SE-0016)					70	70														
19	SCURRY-RAINBOW OIL L (52G/14SE-0017)					70	70														
20	CONWEST EXPL C L (52G/14SE-0018)					72	72														
21	NEW CALUMET MS L ZENMAC MTL MS L (52G/14SE-0019)					70/ 71	70/ 71														
22	IMPERIAL OIL L CONSOLIDATED MORRISON (52G/14SE-0020-A1)					74															
23	STUMP MINES L SCANDIA MINING & EXPL L (52G/14SE-0020-B1)					71															
24	STUMP MINES L SCANDIA MINING & EXPL L (52G/14SE-0020-D1)						71														

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968																		
(see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE Sioux Lookout		COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY		
25		IMPERIAL OIL L CONSOLIDATED MORRISON (52G/14SE-0021)				71/ 73	71/ 73													
26		CHIMO GOLD MS L CONWEST EXPL C L (52G/14SE-0022)				71/ 72	72													
27		CHIMO GOLD MS L (52G/14SE-0023-A1)				70														
28		CHIMO GOLD MS L (52G/14SE-0023-C1)				73/ 74	74													
29		SCURRY-RAINBOW OIL L (52G/14SE-0024-A1)				71														
30		VALORA EXPL & DEV C L (52G/14SE-0024-B1)				71														
31		SILVER LINING MS L (52G/14SE-0024-C1)				72														
32		CHIMO GOLD MS L CONWEST EXPL C L (52G/14SE-0024-D1)				71	71													

TYPE OF WORK			Numbers below represent the year in which the work was done; e.g., 68 for 1968																		
(see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE Sioux Lookout			GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY			
33	Ref No on Map	COMPANY/AUTHOR (file number)	NEW INSCO MS L (52G/14SE-0025-A1)			77	77														
34		THOMPSON, W M (52G/14SE-0025-B1)				70/ 73	71/ 73														
35		NORANDA EXPL C L (52G/14SE-0026)				70															
36		URBAN QUEBEC MS L (52G/14SE-0027-A1)				70															
37		URBAN QUEBEC MS L (52G/14SE-0027-B1)				70															
38		CONSOLIDATED MORRISON (52G/14SE-0027-C1)				74															
39		MID-NORTH ENGINEERING (52G/14SE-0027-D1)				70/ 71	71														
40		MATTAGAMI LAKE MS L (52G/14SE-0028-A1)				71															
41		MATTAGAMI LAKE MS L (52G/14SE-0028-B1)				71															

TYPE OF WORK			Numbers below represent the year in which the work was done, e.g., 68 for 1968																			
(see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE Sioux Lookout			GEOLOGICAL	GEOCHEMICAL	TRENCHING STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS NOTES CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIO-METRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIO-METRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY				
Ref No. on Map	COMPANY/AUTHOR (file number)																					
42	MATTAGAMI LAKE MS L (52G/14SE-0028-C1)					71																
43	MATTAGAMI LAKE MS L (52G/14SE-0028-D1)					71																
44	NORANDA EXPL C L (52G/14SE-0029-A1)					70																
45	MADSEN RED LAKE GOLD M (52G/14SE-0029-C1)					71	71															
46	CHIMO GOLD MS L CALMOR IRON BAY MS L HUNTLEY, D A (52G/14SE-0030-A1)					70	70															
47	WILKINSON, D (52G/14SE-0030-B1)								75													
48	URBAN QUEBEC MS L (52G/14SE-0030-C1)								72													
49	MID NORTH ENGINEERING (52G/14SE-0031-A1)					72																

VALORA LAKE

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968																				
(see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE Sioux Lookout		COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY				
50		MATTAGAMI LAKE MS L (52G/14SE-0031-B1)				70	70															
51		MADSEN RED LAKE GOLD MS (52G/14SE-0031-C1)							71													
52		NORANDA EXPL C L (52G/14SE-0032)			70																	
53		MATTAGAMI LAKE MINES L (52G/14SE-0033)			70	70	70		71													
54		STUMP MINE L (52G/14SE-0034-A1)																				
55		NORANDA EXPL C L (52G/14SE-0034-B1)			70																	
56		MATTAGAMI LAKE MS L (52G/14SE-0035)			70- 73	70- 73	70- 73															
57		SEAGULL RESOURCES L (52G/14SE-0036)								80	80											
58		NEW INSCO MINES L (52G/14SE-0037)																				

*NOTE (52G/14SE-0035) refers to the Northeast corner of the map

TYPE OF WORK			Numbers below represent the year in which the work was done; e.g., 68 for 1968																	
(see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE Sioux Lookout			GEOLOGICAL	GEOCHEMICAL	TRENCHING STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY		
Ref No. on Map	COMPANY/AUTHOR (file number)																			
59	AMAX EXPL INC (52G/14SE-0038)								70				70	70						
60	AMAX EXPL INC (52G/14SE-0039)																			
61	CONSOLIDATED MORRISON IMPERIAL OIL L (52G/14SE-0040)															72		72		
62	NEW TERRITORIAL U M INTERNAT MARINER RES (52G/14SE-0041)															71				
63	CONSOLIDATED MORRISON (52G/14SE-0042)															71	71		71	
64	NORMINEX L (52G/14SE-0043)		83	83													83			
65	CHIMO GOLD MINES L MILNER, G N HUNTLEY, D A (52G/14SE-0044)									70	70									
66	CALMOR IRON BAY MINES L CHIMO GOLD MINES L (52G/14SE-0045-A1)												70							

[illegible]

TYPE OF WORK			Numbers below represent the year in which the work was done; e.g., 68 for 1968																	
Ref. No on Map	(see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE Sioux Lookout		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY		
	COMPANY/AUTHOR (file number)																			
76	IDEAL BAY EXPL L CAMISSO, A (52G/14SE-0050-A1)		71												71					
77	IDEAL BAY EXPL L CAMISSO, A (52G/14SE-0050-B1)		75																	
78	NORANDA EXPL C L (52G/14SE-0051-A1)												75							
79	GEORGE, P T (52G/14SE-0051-C1)														70					
80	MATTAGAMI LAKE MS (52G/14SE-0052-A1)												70	70	70					
81	NEW TERRITORIAL U M SILVER LINING MS INTERNATIONAL MARINER RES (52G/14SE-0052-B1)																			
82	NORDEV MS L LAPRAIRIE, L F (52G/14SE-0053-A1)		71																	

VALORA LAKE

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE Sioux Lookout		GEOLOGICAL		GEOCHEMICAL	TRENCHING STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY		
Ref No on Map	COMPANY/AUTHOR (file number)																			
83	NORDEV MS L LAPRAIRIE, L F (52G/14SE-0053-B1)	71							71				70	70						
84	PRUDENT MINING CORP (52G/14SE-0054)																			
85	MADSEN RED LAKE M (52G/14SE-0055)													70						
86	CONSOLIDATED NEGUS M L (52G/14SE-0056)		70										70	70						
87	MID NORTH ENGINEERING (52G/14SE-0057)		70										70	70						
88	KEEVIL MINING GROUP L (52G/14SE-0058-A1)												65	65						
89	IDEAL BAY EXPLS L CAMISSO, A (52G/14SE-0058-B1)								72											
90	URBAN QUEBEC MS L (52G/14SE-0059-A1)												70							

TYPE OF WORK			Numbers below represent the year in which the work was done; e.g., 68 for 1968																			
(see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE Sioux Lookout			GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY				
Ref No on Map	COMPANY/AUTHOR (file number)																					
91	XTRA DEVELOPMENT INC (52G/14SE-0059-B1)	73							73													
92	CHIMO GOLD MINES L MILNER, G N (52G/14SE-0060)	71											71	71								
93	MADSEN RED LAKE GOLD MS RIO TINTO CDN EXPL L (52G/14SE-0061)	72				72							72	72								
94	MADSEN RED LAKE GOLD MS RIO TINTO CDN EXPL L (52G/14SE-0062)	72				72							72	72								
95	SEAGULL RESOURCES L (52G/14SE-0063)	81							81													
96	MATT BERRY MINES L LAPRAIRIE, L F (52G/14SE-0064)	70											70	70								
97	NORANDA EXPL C L (52G/14SE-0065)																70					

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968																	
Ref No on Map	(see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE Sioux Lookout	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY		
	COMPANY/AUTHOR (file number)																		
98	CORRIDOR MINES L CIGLEN, G J KUPRATH, W O (52G/14SE-0066)											72	72						
99	NEW CALUMET MINES L ZENMAC METAL MS L (52G/14SE-0067)							71				71	71						
100	SCANDIA MINING AND EXPL L (52G/14SE-0068)														70			70	
101	SCANDIA MINING AND EXPL L (52G/14SE-0069)											70	70						
102	ASARCO EXPL C OF CANADA (52G/14SE-0070-A1)											70	70						
103	MATT BERRY MINES L (52G/14SE-0070-C1)							70											
104	VALORA EXPL & DEV L (52G/14SE-0071-A1)											71	71						
105	LONG LAC MINERAL EXPL L THOMPSON, W M (52G/14SE-0071-C1)											74							

TYPE OF WORK			Numbers below represent the year in which the work was done; e.g., 68 for 1968																	
(see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE Sioux Lookout			GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY		
Ref No on Map	COMPANY/AUTHOR (file number)																			
1106	MATTAGAMI LAKE MINES L (52G/14SE-0072-A1)		71						71	84	84		70	70						
1107	VALORA EXPL & DEV L (52G/14SE-0072-D1)																			
1108	CLINE DEV CORP NORMINEX L (52G/14SE-0073)																			
1109	NORANDA EXPL C L (52G/14SE-0074-A1)													69	69					
1110	AMALG RARE EARTH MINES (52G/14SE-0074-B1)		70						71											
1111	MATTAGAMI LAKE MS L (52G/14SE-0075)												70	70						
1112	SCURRY-RAINBOW OIL L (52G/14SE-0076)									70										
1113	INTERNATIONAL MARINER RES NEW TERRITORIAL U M SILVER LINING MS L (52G/14SE-0077-A1)													72	72					

TYPE OF WORK			Numbers below represent the year in which the work was done; e.g., 68 for 1968															
(see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE Sioux Lookout																		
Ref No on Map	COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY
114	MATTAGAMI LAKE MS L (52G/14SE-0077-C1)								71									
115	NEW TERRITORIAL U M (52G/14SE-0078)												70	70				
116	STEEP ROCK IRON MS L (52G/14SE-0079)				67								67			67	67	67
117	NEW TERRITORIAL U M (52G/14SE-0080)												70	70				

DRILLHOLE SUMMARY		Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
Drilling Location Number on Map	(see Exploration Data Map) Company Name								
1	SEAGULL RESOURCES	SG-81-1	1981	180	-65	55.0	597.0	py, cp	Cu, Zn, Ag, Au
2		SG-81-2	1981	180	-65	53.0	847.0	py, cp	Cu, Zn, Ag
3		SG-81-3	1981	180	-65	48.5	697.0	py, cp	Ag, Au, Cu, Zn
4		SG-81-4	1981	180	-66	72.0	556.0	cp	--
5		SG-81-5	1981	180	-65	39.0	857.0	py, cp	--
6		SG-81-6	1981	180	-65	66.0	1127.0	py, cp	--
7		SG-81-7	1981	180	-65	57.0	1467.0	py, cp	--
8		SG-81-8	1981	180	-65	115.0	1107.0	py, cp	--
9		SG-81-9	1981	180	-65	100.0	827.0	py	--
10		SG-81-10	1981	--	-65	110.0	297.0	--	--
11		SG-81-11	1981	180	-65	159.0	835.0	py	--
12		SG-81-12	1981	--	-65	121.0	637.0	mag, py	--
13		SG-81-13	1981	180	-65	50.0	857.0	cp, py	--
14		SG-81-14	1981	180	-80	37.0	847.0	py, cp	--
15	ALMOS MINES LTD	71-19	1971	180	-65	112.0	839.0	--	--
16	NORANDA EXPL C L	VL-1-76	1976	345	-50	10.0	348.0	py, po, cp, mag	Cu, Zn, Ag, Au
17	STEEP ROCK IRON MS	BB-1	1966	128	-28	27.1	110.0	cp, py, po	Cu, Au

VALORA LAKE

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DRILLHOLE SUMMARY

DRILLHOLE SUMMARY		Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
Drilling Location Number on Map	(see Exploration Data Map) Company Name								
18	STEEP ROCK IRON MS	BB-2	1966	128	-43	13.5	115.0	cp,po,py	Cu,Au,Ag
18		BB-3	1966	315	-45	12.0	31.0	--	Cu
19		BB-4	1966	315	-45	15.25	98.0	cp,py,po	Cu,Ag,Au
19		BB-5	1967	180	-90	6.5	152.7	py,po,cp	Au
20		BB-6	1967	150	-43	14.33	169.3	py,cp,mo,sp,po	Multi-Spectral
20		BB-8	1967	145	-45	27.9	164.6	po,py,cp	Cu
20		BB-11	1967	359.5	-45	2.25	140.8	po,py,cp,sp,mo	Cu
21		BB-9	1967	179	-45	4.92	168.1	po,py,cp,sp,mag,ga	Cu,Zn,Au,Ag
21		BB-10	1967	180	-45	9.5	115.1	py,po,cp	Cu
22		BB-7	1967	325	-40	12.0	130.6	--	--
23		BB-12	1967	148	-31	6.08	168.5	po,cp,py,tour	Cu
23		BB-14	1967	328	-46	27.58	170.7	po,py,cp,tour,mo	Cu
24		BB-13	1967	328	-45	6.08	13.4	--	--
25		BB-15	1967	152	-34	63.0	152.9	po,cp,mo,py	Cu
26		BB-16	1967	328	-45	2.0	15.0	py	Cu

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DRILLHOLE SUMMARY		Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
Drilling Location Number on Map	(see Exploration Data Map) Company Name								
27	STEEP ROCK IRON MS	BB-17	1967	340	-32	3.5	148.25	py, po, cp	Cu
28		BB-18	1967	160	-45	16.6	107.83	--	--
29		LL-ST-1	1973	--	-55	38.0	503.0	--	--
30		LL-ST-3	1973	--	-55	96.0	497.0	--	--
31		LL-ST-4	1973	--	-55	22.0	503.0	py	--
32	AMAX EXPLORATIONS	A-15	1971	225	-50	22.0	582.0	mag, py, cp	Cu, Zn, Pb, Au, Ag
33		A-19	1971	--	-55	35.0	508.0	py, cp	Zn, Ag
34		AD-22-73	1973	180	-45	12.0	351.0	py	Cu, Zn, Ag
34		AD-23-73	1973	180	-70	12.0	608.0	py, sp	--
35		AD-24-73	1973	180	-50	16.0	1203.0	py, cp	--
36		AD-25-73	1973	180	-50	8.0	703.0	sp, py	--
37	SCURRY-RAINBOW OILS L	8	1971	355	-60	35.83	103.5	--	--
38		9	1971	30	-60	41.0	103.5	--	--
39		10	1971	350	-55	--	104.5	--	--
40		11	1971	350	--	--	103.5	--	--
41		BC-13	1973	200	-50	38.0	367.0	py	--
42		BC-14	1973	180	-60	13.0	343.0	py, po, cp	Au, Ag, Cu, Zn

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DRILLHOLE SUMMARY

Drilling Location Number on Map	(see Exploration Data Map) Company Name	Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
43	SCURRY-RAINBOW OILS L	BC-15	1973	180	-60	43.0	597.0	po, cp, py	Au, Ag, Cu
44		BC-16A	1973	180	-60	76.0	447.0	po	Au, Ag, Cu
45		12	1971	148	-60	30.0	102.6	py, po, cp	--
46		13	1971	145	-55	17.0	104.6	--	--
47		BC-11A	1973	0	-55	12.0	327.0	py, po, cp	Au, Ag, Cu
48		BC-12	1973	180	-55	10.0	583.0	py, po, cp, mag	Au, Ag, Cu
49		BC-1	1970	320	-50	68.0	497.0	py, po, cp, mag	Cu, Ag, Au, Zn, Ni
50		BC-11C	1970	320	-60	51.8	366.0	py, cp, po	--
51		BC-2	1970	320	-50	47.0	426.0	py, sp, mag	Cu, Ag, Au, Zn, Ni
52		BC-3A	1970	40	-50	72.0	703.0	py, po, cp	Ni, Cu, Zn, Au, Ag
53		BC-4	1970	40	-50	11.0	596.0	py, po, cp	Au, Ag, Cu, Zn, Ni
54		BC-5	1970	0	-50	16.0	386.0	py, po, cp	Au, Ag, Cu, Zn, Ni
55		BC-6	1970	0	-50	34.0	426.0	py, po, cp	Au, Ag, Cu, Zn, Ni
56		BC-7	1970	180	-65	20.0	517.0	po, cp, py	Au, Ag, Cu, Zn, Ni

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DRILLHOLE SUMMARY		Company Drillhole Number	Date Drilled	Bearing Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
Drilling Location Number on Map	(see Exploration Data Map) Company Name								
57	SCURRY-RAINBOW OILS L	BC-8	1970	180	-50	16.0	266.0	po, py, cp	Au, Ag, Cu, Zn, Ni
58		BC-9	1970	180	-50	8.0	326.0	py, cp	Au, Ag, Cu, Zn
59		BC-10	1970	180	-55	18.3	527.0	py, po, cp	Au, Ag, Cu, Zn, Ni
60	CONWEST EXPL C L	72-26	1972	180	-75	10.0	677.0	mag, hem	--
61		72-27	1972	180	-70	42.0	695.0	py	--
62		72-29	1972	180	-70	45.0	669.0	py, mag, hem, gf, cp	Au, Ag, Cu, Zn
63		72-30	1972	180	-65	--	96.0	--	--
64		72-32	1972	180	-70	40.0	646.0	py, mag	--
65	NEW CALUMET MINES	1	1970	180	-45	96.0	348.0	gt, py, po	Cu, Zn, Ni
66		2	1970	0	-45	84.0	371.0	po	--
67		3	1971	0	-50	14.0	440.0	po, cp, py, gt	Cu, Ni
68		4	1971	0	-50	12.0	352.0	py, po	Cu, Ni
69		5	1971	0	-50	16.0	341.0	py, po	Cu, Ni
70	IMPERIAL OIL L	BB-74-11	1974	180	-50	410.0	410.0	--	--
71	STUMP MINES L	S-1	1971	0	-45	10.0	317.5	py, po, cp	Au, Ag, Zn, Cu, Pb

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DRILLHOLE SUMMARY

Drilling Location Number on Map	(see Exploration Data Map) Company Name	Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
72	STUMP MINES L	S-2	1971	0	-45	14.0	606.0	--	Au, Ag, Zn, Cu, Pb
73	IMPERIAL OIL L	B-1	1971	180	-60	64.0	581.0	py, po, cp	--
74		B-2	1971	0	-60	96.0	550.0	py, cp, po	--
75		B-3	1973	180	-60	266.0	955.0	py, cp, po, sp	Multi-Spectral
76		BB1	1972	180	-60	55.0	508.0	py	Cu, Zn, Au, Ag
77		BB2	1972	180	-60	47.0	413.0	py, po, cp	Cu, Zn, Au, Ag
78		BB3	1972	180	-60	120.0	845.0	py, cp, sp	Cu, Zn, Ag, Au
79		BB4	1972	180	-60	108.0	505.0	po, py, cp	Cu, Zn, Au, Ag
80		BB5	1972	180	-60	59.0	405.0	py	--
81		BB6	1973	0	-60	80.0	511.0	py, sp	Au, Ag, Zn, Cu
82		BB7	1973	0	-60	103.0	585.0	py, sp, po	Au, Ag, Zn, Cu
83		BB8	1973	0	-60	102.0	636.0	py, mag	Au, Cu, Ag, Zn

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DRILLHOLE SUMMARY		Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
Drilling Location Number on Map	(see Exploration Data Map) Company Name								
84	IMPERIAL OIL L	BB9	1973	0	-60	101.0	557.0	py	Cu, Zn, Au, Ag
85	CHIMO GOLD MINES L	71-20	1971	324	-60	49.0	1194.0	py, cp	--
86		71-21	1971	0	-45	10.0	421.0	py, cp	--
87		71-22	1971	180	-55	25.0	348.0	mag	--
88		71-23A	1971	0	-70	62.0	292.0	--	--
89		72-28	1972	180	-70	45.0	649.0	py, gf, cp	Au, Ag, Cu, Zn
90		72-31	1972	180	-73	45.0	909.0	mag, py, cp	Au, Ag, Cu, Zn
91		70-5	1970	180	-60	97.5	550.0	py, sp	--
92		70-6	1970	--	-60	61.0	546.0	py	--
93		70-7	1970	180	-60	52.0	350.0	py	--
94		73-1	1973	180	-65	110.0	391.0	py	--
95		73-2	1973	180	-75	32.0	377.0	gf, py	--
96		73-3	1973	180	-74	9.0	432.0	py, po	--
97		74-1	1974	180	-70	10.0	626.5	py, po, mag	Au, Ag,
98		74-2	1974	180	-60	72.0	310.0	py	Au, Ag
99	SCURRY-RAINBOW OILS L	7	1971	49	-55	42.0	103.5	--	--

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VALORA LAKE

DRILLHOLE SUMMARY

DRILLHOLE SUMMARY		Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
Drilling Location Number on Map	(see Exploration Data Map) Company Name								
100	VALORA EXPL & DEV C	1-71	1971	330	-45	14.0	598.0	po	--
101		2-71	1971	--	-65	22.0	301.0	mag	--
102	SILVER LINING MINES L	Y-1	1972	180	-50	4.0	403.0	py,po	--
103	CHIMO GOLD MINES L	71-24	1971	180	-50	7.0	807.0	cp,mag	--
104		71-17	1971	180	-60	17.0	837.0	--	--
105	NEW INSCO MINES L	77-1	1977	180	-55	57.0	505.0	tour	Cu,Zn
106	THOMPSON, W M	G-1	1970	0	-50	22.0	710.0	--	--
107		G-2	1971	0	-50	68.0	513.0	py	Cu,Zn,Ag,Au
108		G-3	1971	180	-50	89.0	417.0	--	--
109		G-4	1971	180	-50	105.0	513.0	--	--
110		1057-73-1	1973	180	-63	54.0	514.0	py,mag,cp	--
111	NORANDA EXPL C L	GO-70-1	1970	325	-45	4.5	611.0	po,py	--
112		GO-70-2	1970	335	-45	8.0	339.0	py,po	--
113	URBAN QUEBEC MINES	1	1970	135	-45	8.0	437.0	py	--
114		2	1970	140	-45	25.0	432.0	py	--
115	CONSOLIDATED MORRISON	BB-74-11	1974	180	-50	410.0	410.0	--	--
116	MID NORTH ENGINEERING	1	1970	0	-45	5.0	103.0	--	--

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DRILLHOLE SUMMARY

Drilling Location Number on Map

(see Exploration Data Map)

Company Name

Drilling Location Number on Map	(see Exploration Data Map) Company Name	Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
117	MID NORTH ENGINEERING	2	1970	0	-45	5.0	101.5	cp,py	Au
117		3	1971	180	-45	5.0	104.0	--	--
118		4	1971	0	-45	5.0	108.0	cp	--
119		5	1971	180	-45	25.0	110.0	--	--
120	MATTAGAMI LAKE MS L	SL-B-71-1	1971	180	-50	120.0	500.0	--	--
121		SL-B-71-2	1971	180	-50	100.0	500.0	py	--
122		SL-D-71-1	1971	180	-45	16.0	504.0	po	--
123		SL-D-71-2	1971	0	-47	12.0	450.0	--	--
124		SL-D-71-3	1971	--	-45	12.0	454.0	py,po	--
125	NORANDA	BB-70-1	1970	180	-45	14.0	455.5	py	--
126	MADSEN RED LAKE GOLD M	1	1971	145	-45	25.0	200.0	py	Au
126		2	1971	325	-45	25.0	160.0	cp,py	Au
127		3	1971	115	-45	25.0	216.0	cp,py,mag	Au
128		4	1971	115	-45	25.0	194.0	--	--
129		5	1971	115	-45	25.0	185.0	py,cp	Au
130	CHIMO GOLD MINES	70-3	1970	180	-70	48.0	429.0	py,cp	Au,Ag,Cu,Zn,Pb
130		70-4	1970	0	-63	46.0	370	py	--

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DRILLHOLE SUMMARY										
Drilling Location Number on Map	(see Exploration Data Map) Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for	
131	MID NORTH ENGINEERING	D-72-1	1972	315	-45	63.0	151.0	py,po	--	
132		D-72-2	1972	315	-45	23.0	227.0	py,po,cp	--	
133	MATTAGAMI LAKE MINES	SL-F-70-1	1970	185	-60	100.0	601.0	--	--	
134		SL-F-70-2	1970	250	-55	110.0	704.0	py,po	Au,Ag,Zn, Cu,Pb	
135		SL-F-70-3	1970	185	-55	60.0	710.0	py,cp,po	--	
136	NORANDA EXPLORATIONS	BB-70-4	1970	180	-45	7.0	685.0	py,po,cp	--	
137		BB-70-5	1970	0	-45	22.7	592.0	py,po,cp	--	
138	MATTAGAMI LAKE MINES	SL-F-70-4	1970	170	-55	18.0	705.0	py,cp,Zn,S,sp	Au,Ag,Zn, Cu,Pb	
139		SL-F-70-5	1970	170	-45	18.0	867.0	py,cp	Au,Ag,Zn, Cu,Pb	
140		SL-F-70-6	1970	350	-45	54.0	370.0	py,po,cp,sp	Au,Ag,Zn, Cu,Pb	
141		SL-F-70-7	1970	350	-45	10.0	884.0	py,cp,sp,ga	Au,Ag,Zn, Cu,Pb	
142		SL-F-70-8	1970	350	-45	16.0	826.0	py,cp	Au,Ag,Zn, Cu,Pb	
143		SL-F-70-9	1970	170	-45	20.0	631.0	py,cp,sp,ga	Au,Ag,Zn, Cu,Pb	
144		SL-F-70-10	1970	180	-45	24.0	811.0	py,sp,cp	Au,Ag,Zn,Cu Pb	

— indicates core stored at Drill Core Library

— indicates core stored at Drill Core Library

DRILLHOLE SUMMARY		Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
Drilling Location Number on Map	(see Exploration Data Map) Company Name								
145	MATTAGAMI LAKE MINES	SL-F-70-11	1970	170	-45	26.0	429.0	py, sp, cp	Au, Ag, Zn, Cu, Pb
146		SL-F-70-12	1970	170	-45	66.0	520.0	py, sp, cp, hem	Au, Ag, Zn, Cu, Pb
147		SL-F-70-13	1970	180	-45	30.0	580.0	py	Au, Zn, Ag, Cu, Pb
148	NORANDA EXPLORATIONS	BB-70-2	1970	--	-45	80.0	415.0	py, po, cp	--
149		BB-70-3	1970	180	-45	62.0	462.0	po, cp	--
150	MATTAGAMI LAKE MINES	SL-15-70-7	1970	180	-45	28.0	773.0	py	Au, Ag, Zn, Cu, Pb
150		SL-15-70-8	1970	180	-45	32.0	829.0	py, po	Au, Ag, Zn, Cu, Pb
150		SL-15-70-9	1970	180	-50	52.0	870.0	--	--
150		SL-15-70-10	1970	180	-45	80.0	185.0	hole abandoned	
150		SL-15-70-11	1970	180	-45	38.0	912.0	py	Au, Ag, Zn, Cu, Pb
150		SL-15-70-12	1970	180	-50	106.0	106.0	hole abandoned	
150		SL-15-70-13	1970	180	-45	76.0	76.0	hole abandoned	
150		SL-15-70-14	1970	180	-45	72.0	1054.0	py	Au, Ag, Zn, Cu, Pb
150		SL-15-70-15	1970	180	-45	122.0	1017.0	py, cp	Au, Ag, Zn, Cu, Pb
150		SL-15-70-16	1970	180	-45	48.0	998.0	py, po	Au, Ag, Zn, Cu, Pb

VALORA LAKE

— indicates core stored at Drill Core Library

DRILLHOLE SUMMARY		Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
Drilling Location Number on Map	(see Exploration Data Map) Company Name								
150	MATTAGAMI LAKE MINES	SL-15-70-17	1970	180	-50	124.0	124.0	hole abandoned	
150		SL-15-70-18	1970	180	-50	146.0	146.0	hole abandoned	
150		SL-15-70-19	1970	180	-50	88.0	1006.0	--	--
150		SL-15-70-22	1970	0	-50	14.0	1252.0	py	Au, Ag, Zn, Cu, Pb
150		SL-15-70-23	1970	180	-50	32.0	892.0	--	--
150		SL-F -70-23	1970	180	-45	580.0	872.0	py	Au, Ag, Zn, Cu, Pb
150		SL-15-70-24	1972	180	-50	44.0	721.0	py, cp	Au, Ag, Zn, Cu, Pb
150		SL-15-70-25	1972	180	-50	56.0	660.0	py, sp	Au, Ag, Zn, Cu, Pb
150		SL-15-70-26	1972	180	-50	90.0	576.0	py, sp, cp	Au, Ag, Zn, Cu, Pb
150		SL-15-70-27	1972	180	-50	26.0	902.0	py	Au, Ag, Zn, Cu, Pb
150		SL-15-70-30	1972	170	-50	68.0	788.0	py, sp, po, cp, mt	Cu, Ag, Zn, Pb
150		SL-15-70-31	1972	170	-50	104.0	868.0	py, sp	Au, Ag, Zn, Cu, Pb

— indicates core stored at Drill Core Library

DRILLHOLE SUMMARY		Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
Drilling Location Number on Map	(see Exploration Data Map) Company Name								
150	MATTAGAMI LAKE MINES	SL-15-72-31	1972	170	-50	104.0	868.0	py, sp	Au, Ag, Zn, Cu, Pb
150		SL-15-72-33	1972	170	-50	50.0	2009.0	cp	Pb, Ag, Zn, Cu
150		SL-15-72-34	1972	170	-50	42.0	602.0	--	--
150		SL-15-72-35	1972	180	-50	14.0	724.0	--	--
150		SL-15-72-37	1972	180	-60	34.0	948.0	py	Au, Ag, Zn, Cu, Pb
150		SL-15-72-39	1972	170	-60	22.0	888.0	py, cp	Au, Ag, Zn, Cu, Pb
150		SL-15-73-41	1973	170	-60	32.0	1861.0	py, mag, sp, cp	Au, Ag, Zn, Cu, Pb
150		SL-15-73-45	1973	170	-50	52.0	1645.0	py	Au, Ag, Zn, Cu, Pb
150		SL-15-73-49	1973	170	-65	26.0	2076.0	py, po, cp, sp	Ag, Zn, Cu, Pb
150		SL-15-73-52	1973	180	-50	120.0	1168.0	py	Ag, Zn, Cu, Pb
150		SL-15-74-62	1974	180	-50	78.0	790.0	py	Ag, Zn, Cu, Pb

VALORA LAKE

— indicates core stored at Drill Core Library

AIRBORNE GEOPHYSICAL SURVEY DATA				Flight Line Direction	Flight Line Spacing
Number on File Index Map	by — for — year	Type of Survey	Flight Altitude		
2	BY: QUESTOR SURVEYS FOR: NEW CALUMET MS L (520/14SW-0018)	MAGNETOMETER AND ELECTROMAGNETIC	150 (bird)	N/S	1/8 mile
57	BY: QUESTOR SURVEYS FOR: SEAGULL RESOURCES L (52G/14SE-0036)	MAGNETOMETER AND ELECTROMAGNETIC	150 (bird)	Recircu- lating	45 feet
65	BY: QUESTOR SURVEYS FOR: CHIMO GOLD MINES L (52G/14SE-0044)	MAGNETOMETER AND ELECTROMAGNETIC	150 (bird)	S pattern	1/8 mile
67	BY: INTERPROVINCIAL HELI- COPTER LIMITED FOR: MID NORTH ENGINEER- ING (52G/14SE-0045-B1)	MAGNETOMETER AND ELECTROMAGNETIC	100 (bird) 150 (bird)	N/W	1/8 mile
75	BY: P G LACOMBE & ASSOCS. FOR: IDEAL BAY EXPL L (52G/14SE-0044-B1)	SPECTROMETER	200'	N/S E/W	480 feet
108	BY: AERODAT LTD FOR: CLINE DEV CORP (52G/14SE-0073)	MAGNETOMETER AND ELECTROMAGNETIC	100 (bird) 150 (bird)	NW/SE	1/8 mile

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA (see Exploration Data Map)		By	Reference
	Type of Survey	Analysis For		
64	SOIL	CU, AS, AU	NORMINEX L	(52G/14SE-0043)
75	SOIL	CU	IDEAL BAY EXPL L	(52G/14SE-0049-B1)
86	SOIL	CU, ZN	CONSOLIDATED NEGUS MINE LTD	(52G/14SE-0056)
116	SOIL	CU + TOTAL HEAVY METALS	STEEP ROCK IRON MS	(52G/14SE-0079)

GEOCHRONOLOGY DATA - AGE DATING

Site	Method	Material	Reference	Result
	NO DATA AS OF NOVEMBER/87			

VALORA LAKE

GEOCHRONOLOGY DATA - AGE DATING

Site	Method	Material	Reference	Result

VALORA LAKE

AERIAL PHOTOS; MOSAICS; IMAGERY

The following items are available for inspection at the Resident Geologist's office:

(a) Aerial Photographs:

<u>AREA</u>	<u>LINE</u>	<u>PHOTO #</u>	<u>YEAR</u>	<u>SCALE</u>
BELL LAKE	A 13564	129 130 131	1975	1"=1 MILE
	A 13561	78 79	1975	1"=1 MILE
VALORA LAKE	A 13561	81 81 82 83 84	1975	1"=1 MILE

(b) Photomosaics:

(c) Satellite Imagery:

TOPOGRAPHIC MAPS (selected)

scale	year	name and/or number	by
1:50,000	1977	GLITTER LAKE (52G/15)	SURVEYS & MAPPING BRANCH, DEPT. OF ENERGY, MINES AND RESOURCES
1:50,000	1975	VALORA (52G/14)	SURVEYS & MAPPING BRANCH, DEPT OF ENERGY, MINES AND RESOURCES

VALORA LAKE

NEWSPAPER CLIPPINGS FILE

NOTE A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office.

Sioux Lookout

COMPANY	NEWSPAPER	DATE	PAGE
MISCELLANEOUS	THE MORNING HERALD	Mar.20/09	--

VALORA LAKE

ODM GENERAL INDEX SEARCH

Words searched BEIDLEMAN BAY, BELL LAKE, CLARKDON, DARKWATER LAKE, JIGGER LAKE, O'BRIEN LANDING, STURGEON LAKE, VALORA LAKE, VALORA, YOUNG LAKE

Index Volume	Listing	Report Volume	Part	Page
I	GEOLOGY AND MERIDIAN LINES IN RAINY RIVER DISTRICT	VII	--	165
II	THE STURGEON LAKE GOLD FIELD	XX	I	133-157
III	STURGEON LAKE GOLD AREA	XXXIX	II	36-55
VI	GEOLOGY OF THE DARKWATER MINE	XLVI	VI	26-50
VI	GEOLOGY OF THE SUPERIOR JUNCTION - STURGEON LAKE AREA	XLVI	VI	1-25
VI	MINES OF ONTARIO IN 1936	XLVI	I	121-122
8	GR 114			
8	GR 120			
8	GR 88			
8	MP 32			17-19
9	MP 89 - DARKWATER MINE			47-48

ODM GENERAL INDEX SEARCH

Words searched

Index Volume	Listing	Report Volume	Part	Page

Author	Date	SELECTED REFERENCES		Reference	Map Scales and/or Report Pages
		Title			
GRAHAM, A R	1930	STURGEON LAKE AREA, MAP NO. 39b, TO ACCOMPANY REPORT BY GRAHAM IN VOLUME XXXIX, PART 2, O.D.M. REPORT 1930.		MAP 39b	1"=2 miles 1:26,720
HORWOOD, H C	1937	SUPERIOR JUNCTION - STURGEON LAKE AREA, MAP NO. 46d, TO ACCOMPANY REPORT BY HORWOOD IN VOLUME XLVI, PART 6, O.D.M. REPORT 1937.		MAP 46d	1"=2 miles 1:126,720
O.D.M.	1968	SIOUX LOOKOUT - ARMSTRONG SHEET, MAP 2169, GEOLOGICAL COMPILATION SERIES, KENORA AND THUNDER BAY DISTRICTS.		MAP 2169	1"=4 miles 1:253,440
O.D.M.	1973	BELL LAKE, KENORA AND THUNDER BAY DISTRICTS MAP 2269.		MAP 2269	1"=1/2 mile 1:31,680
O.G.S.	1979	SIOUX LOOKOUT - ARMSTRONG, GEOLOGICAL COMPILATION SERIES, KENORA AND THUNDER BAY DISTRICTS, MAP 2442.		MAP 2442	1"=4 miles 1:253,440
O.D.M.	1966	MINNITAKI - STURGEON LAKE SHEET, DISTRICT OF KENORA AND THUNDER BAY, GEOLOGICAL COMPILATION SERIES, MAP P.353.		MAP P.353	1"=2 miles
O.D.M.	1969	WATCOMB CLARKDON AREA (EAST HALF), DISTRICT OF KENORA, PRELIMINARY GEOLOGICAL MAP P.525		MAP P.525	1"=1/4 mile
O.D.M.	1970	BELL LAKE - STURGEON LAKE AREA (SOUTHWEST PART), DISTRICT OF KENORA, PRELIMINARY GEOLOGICAL MAP NO. P.590.		MAP P.590	1"=1/4 mile
RILEY, R A KING, H L KUSTRA, C R	1973	SUMMARY OF AIRBORNE GEOPHYSICAL DATA FOR NORTHWESTERN ONTARIO ON FILE AT THE RESIDENT GEOLOGISTS OFFICE, O.D.M., PRELIMINARY		MAP P.845	1"=16 miles

SELECTED REFERENCES			Reference	Map Scales and/or Report Pages
Author	Date	Title		
BARLOW, R B WADGE, D R DVSANOWSKYJ, T H	1975	MAP P.845, DATA SERIES. BOUGUER GRAVITY MAP OF THE STURGEON LAKE AREA, DISTRICT OF KENORA AND THUNDER BAY, O.D.M. PRELIMINARY MAP P.1050, GEOPHYSICAL SERIES.	MAP P.1050	1"=2 miles 1:126,720
ROBERTSON, JAMES A VOS, M A SPRINGER, JANET S	1976	MINERAL POTENTIAL MAP OF ONTARIO 1976: WEST CENTRAL SHEET: O.D.M. PRELIMINARY MAP P.1098, MINERAL DEPOSITS SERIES.	MAP P.1098	1"=16 miles 1:1,013,760
O.D.M. - G.S.C.	1976	AIRBORNE GAMMA-RAY SPECTROMETRY SURVEY, EQUIVALENT THORIUM PPM CONTOURS, IGNACE SHFET, DISTRICT OF KENORA AND THUNDER BAY: O J.M. PRELIMINARY MAP P.1147-1153, GEO-PHYSICAL SERIES.	MAP P.1147 to P.1153	1"=4 miles 1:250,000
GORDON, J B	1977	GOLD DEPOSITS OF ONTARIO, WEST CENTRAL SHEET, DISTRICTS OF KENORA (PATRICIA PORTION), THUNDER BAY, ALGOMA AND COCHRANE: O.G.S. PRELIMINARY MAP P.1227, MINERAL DEPOSITS SERIES.	MAP P.1227	1"=16 miles 1:1,013,760
SPRINGER, JANET	1978	ONTARIO MINERAL POTENTIAL, IGNACE SHEET, DISTRICT OF THUNDER BAY AND KENORA, O.G.S. PRELIMINARY MAP 1529, MINERAL DEPOSITS SERIES.	MAP P.1529	1"=4 miles 1:250,000
PALONEN, P A SPEED, A A KING, H L	1978	VALORA LAKE AREA, DISTRICT OF KENORA: O.G.S. PRELIMINARY MAP P.1570, SIOUX LOOKOUT SERIES.	MAP P.1570	1"=1/4 mile 1:15,840

Author	Date	SELECTED REFERENCES		Reference	Map Scales and/or Report Pages
		Title			
TROWELL, N F BARTLETT, J R SUTCLIFFE, R H	1980	FLYING LOON LAKE AREA, DISTRICT OF KENORA, O.G.S. PRELIMINARY MAP P.2354, GEOLOGICAL SERIES.		MAP P.2354	1"=1/4 mile 1:15,840
MOLLARD, D G MOLLARD, J D	1980	PRESS LAKE AREA (NTS 52G/NW)DISTRICT OF KENORA, O.G.S. NORTHERN ONTARIO ENGINEER- ING GEOLOGY TERRAIN STUDY 23, 26p, ACCOM- PANIED BY MAPS 5062 and 5066.		NOEGTS 23 MAPS 5062 5066	1:100,000
TROWELL, N F	1970	GEOLOGY OF THE WATCOMB AREA, DISTRICT OF KENORA, O.D.M. GEOLOGICAL REPORT 88, ACCOM- PANIED BY MAP 2209.		GR 88 MAP 2209	1"=1/2 mile
TROWELL, N F	1974	GEOLOGY OF THE BELL LAKE-STURGEON LAKE AREA, DISTRICT OF KENORA AND THUNDER BAY: O.D.M. GEOLOGICAL REPORT 114, 67p., AC- COMPANIED BY MAPS 2268 and 2269.		GR 114 MAPS 2268 2269	1"=1/2 mile
TROWELL, N F	1983	GEOLOGY OF THE STURGEON LAKE AREA, DISTRICT OF THUNDER BAY AND KENORA: ONTARIO GEOLOGI- CAL SURVEY REPORT 221, 97p., ACCOMPANIED BY MAPS 2456, 2457, 2458.		REPORT 221 MAPS 2456 2457 2458	1:50,000
TROWELL, N F SUTCLIFFE, R H BARTLETT, J R	1983	GEOLOGY OF THE FLYING LOON LAKE AREA, DIS- TRICT OF KENORA: O.G.S. REPORT 224, 109p., ACCOMPANIED BY MAPS 2458 and 2477.		REPORT 224 MAPS 2458 2477	1"=50,000
TROWELL, N F BARTLETT, J R SUTCLIFFE, R H	1980	GEOLOGY OF THE FLYING LOON LAKE AREA, DIS- TRICT OF KENORA: O.G.S. OPEN FILE REPORT 5297, 97p., 12 TABLES, 12 FIGURES AND 5 PHOTOS.		OFR 5297	

SELECTED REFERENCES		Date	Reference	Map Scales and/or Report Pages
Author	Title			
VOS, M A ABOLINS, T SMITH, V	INDUSTRIAL MINERALS OF NORTHERN ONTARIO - SUPPLEMENT 1, ONTARIO GEOLOGICAL SURVEY OPEN FILE REPORT 5388, 344p., 3 FIGURES AND 1 TABLE.	1982	OFR 5388	
TROWELL, N F	WATCOMB-CLARKDON AREA, DISTRICT OF KENORA, P.22-23 IN SUMMARY OF FIELD WORK BY THE GEOLOGICAL BRANCH, MISCELLANEOUS PAPER 22, 67p.	1968	MP 22	
BARLOW, R B	A GRAVITY SURVEY OF THE STURGEON LAKE META- VOLCANIC - METASEDIMENTARY BELT, DISTRICTS OF KENORA AND THUNDER BAY: 166-168 IN SUM- MARY OF FIELD WORK, 1974 BY THE GEOLOGICAL BRANCH, EDITED BY V G MILNE ET AL, O.D.M. MP 59, 206p.	1974	MP 59	
TROWEL, N F	STURGEON LAKE SYNOPSIS PROJECT, DISTRICTS OF THUNDER BAY AND KENORA: P.27-31 IN SUM- MARY OF FIELD WORK, 1976 BY THE GEOLOGICAL BRANCH, EDITED BY V G MILNE ET AL, O.D.M. MP 67, 183p.	1976	MP 67	
O.D.M.	MOLYBDENUM DEPOSITS OF ONTARIO, MINERAL RESOURCES CIRCULAR NO. 7, 98p.	1968	MRC 7	P.42-43
G.S.C.	MAP SHEET 5 (IGNACE) ONTARIO, DISTRICT OF RAINY RIVER AND THUNDER BAY	1906	MAP 663	1"=4 miles
G.S.C.	KENORA	1933	MAP 266A	1"=8 miles

SELECTED REFERENCES		Date	Author	Title	Reference	Map Scales and/or Report Pages
G.S.C.	1908			REPORT ON PORTION OF NORTHWEST ONTARIO TRANSVERSED BY THE NATIONAL TRANSCONTINENTAL RAILWAY BETWEEN LAKE NIPIGON AND STURGEON LAKE 1908. SEPARATE REPORT 992 (WITH THE MAP 993).	SEPARATE REPORT 992 MAP 993	
SZEWczyk, Z J	1974			A GRAVITY STUDY OF AN ARCHEAN GRANITE AREA, NORTH OF IGNACE, ONTARIO	UNPUBLISHED THESIS	
FRISKE, PETER	1974			THE BEIDLEMAN BAY COPPER PORPHYRY DEPOSIT	UNPUBLISHED THESIS	
DUSANOWSKYJ, T H	1976			A GRAVITY STUDY OF THE STURGEON LAKE META-VOLCANIC METASEDIMENTARY BELT.	UNPUBLISHED THESIS	
HINZER, J C	1977			GEOLOGICAL AND GEOCHEMICAL STUDY OF LYON LAKE AND CREEK ORE ZONES: STURGEON LAKE AREA, NORTHWESTERN ONTARIO.	UNPUBLISHED THESIS	
TROWELL, N F	1970			GEOLOGY OF THE BELL LAKE - STURGEON LAKE AREA, DISTRICTS OF THUNDER BAY AND KENORA, OPEN FILE REPORT 5051.	OFR 5051	
TROWELL, N F	1980			GEOLOGY OF THE STURGEON LAKE AREA, DISTRICT OF THUNDER BAY AND KENORA, O.G.S., OPEN FILE REPORT 5291, 160p.	OFR 5291	
TROWELL, N F	1969			BELL LAKE - STURGEON LAKE AREA, SUMMARY OF FIELD WORK BY THE GEOLOGICAL BRANCH, MISCELLANEOUS PAPER 32.	MP 32	
TROWELL, N F	1970			GLITTER LAKE AREA, DISTRICT OF THUNDER BAY SUMMARY OF FIELD WORK BY THE GEOL BRANCH MISCELLANEOUS PAPER 43.	MP 43	

MAPS NOT

FILMED

CARTES

OMISES